B&K DYNA-QUIK

TUBE SELECTOR

INSTRUCTIONS FOR MODEL 650 DYNA-QUIK

1. Look up type on panel or in tube index and set Heater switch.
2. Insert tube in proper socket.
3. Set Sensitivity control.
4. In Short-Grid Emission position of Function switch, tubes are defective if Shorts light glows or if meter indicates a reading in reject area of grid emission scale.
5. Advance function switch to Test 1. Read Test for mutual conductance on Good-Bad scale.
6. If tube is multiple section tube (e.g. 6AT6 triode-diode) the second section is tested in Test 2, and the third section in Test 3 position of Function switch.
7. Life test can be made on each section by pushing On-Off switch to life test position.

FM3D 7-60 RR PRESS

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G	Stand. G
1A5	1	67			79			1Q5	1	67			74		
1A7	1	67			79			1R5	1	4			75		
1AF4	1	4			75			1S2-A	1	53			50		
1AX2	1	53			100			1S4	1	4			70		
1B3	1	65			55			1S5	1	4			70		
1B7	1	67			75			1T4	1	4			75		
1C5	1	67			75			1U4	1	4			76		
1D8	1	67			74			1U5	1	4			80		
1DN5	1	4		1	75			1V2	1	47			62		
1F2	1	4		1	75			1X2	1	53			50		
1F3	1	4			70			2AF4	2	7			88	61	6600
1FD9	1	4			70			2B3	2	65			43		
1G3	1	65			55			2BN4	2	6			54	20	6800
1G6	1	67			73			2CY5	2	9			58	37	8000
1H2	1	53			61			2EA5	2	9			77	59	8000
1H5	1	67			80			2EN5	2	11					
1J3	1	65			89						Di.	2	60		
1K3	1	65			89						Di.	3	60		
1L4	1	4			75			2EV5	2	9			52	32	8800
1N5	1	67			84			2T4	2	7			80	60	7000
1P5	1	67			80			3A2	3	53			50		
1P10	3	4			72			3A3	3	65			67		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m	TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
3A4	3	4			66			3CE5	3	9			64	48	6200
3A8	3	67			75			3CF6	3	9			67	45	6200
3AF4	3	7			88	61	6600	3CS6	3	9			94	56	1100
3AL5	3	11						3CY5	3	9			58	37	8000
			Di.	2	68			3DK6	3	9			62	55	9800
			Di.	3	68			3DT6	3	9			96		
3AU6	3	9			83	56	5200	3EA5	3	9			77	59	8000
3AV6	3	19	Tri.	1	92	60	1600	3EV5	3	9			52	32	8800
			Di.	2	91			3Q4	3	4			74		
			Di.	3	91			3Q5	3	67			75		
3B2	3	65			80			3S4	3	4			72		
3BA6	3	9			79	46	4400	3V4	3	4			74		
3BC5	3	9			73	54	5700	4AU6	4	9			83	56	5200
3BE6	3	9			94			4AU8	4	38	Pent.	1	57	37	7000
3BN4	3	6			54	20	6800				Tri.	2	80	54	4900
3BN6	3	18			95			4BA6	4	9			79	46	4400
3BU8	3	46	Pent.	1	90			4BC5	4	9			73	54	5700
			Pent.	2	90			4BC8	4	50	Pent.	1	71	53	6200
3BY6	3	9			92	66	1900				Pent.	2	71	53	6200
3BZ6	3	9			65	40	6100	4BE6	4	9			94		
3C2	3	65			26			4BN4	4	6			54	20	6800
3CB6	3	9			75	56	6200	4BN6	4	18			95		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
4BQ7	4	50	Tri.	1	70	54	6000
			Tri.	2	70	54	6000
4BS8	4	50	Tri.	1	68	54	7200
			Tri.	2	68	54	7200
4BU8	4	46	Pent.	1	90		
			Pent.	2	90		
4BZ6	4	9			68	40	6100
4BZ7	4	50	Tri.	1	73	52	6800
			Tri.	2	73	52	6800
4BZ8	4	50	Tri.	1	76	57	8000
			Tri.	2	76	57	8000
4CB6	4	9			75	56	8200
4CE5	4	9			64	48	7600
4CS6	4	9			94	56	1100
4CY5	4	9			58	37	8000
4DE6	4	9			66	41	6200
4DK6	4	9			62	55	9800
4DT6	4	9			96		
4ES8	4	50	Tri.	1	58	58	12500
			Tri.	2	58	58	12500
4EW6	4	9			68	72	14000
5AM8	5	39	Pent.	1	69	55	7000
			Di.	2	65		
5AN8	5	40	Pent.	1	65	42	6200
			Tri.	2	63	16	3300
5AQ5	5	8			85	85	4100
5AR4	5	59	Rect.	1	21		
			Rect.	2	21		
5AS4	5	59	Rect.	1	21		
			Rect.	2	21		
5AS8	5	24	Pent.	1	68	41	6200
			Di.	2	66		
5AT8	5	49	Pent.	1	80	50	4600
			Tri.	2	77	55	4000
5AU4	5	59	Rect.	1	20		
			Rect.	2	20		
5AW4	5	59	Rect.	1	20		
			Rect.	2	20		
5AX4	5	59			15		
5BE8	5	49	Pent.	1	77	54	5200
			Tri.	2	70	57	8500
5BK7	5	50	Tri.	1	71	59	9300
			Tri.	2	71	59	9300

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TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
5BQ7	5	50	Tri.	1	70	54	6000
			Tri.	2	70	54	6000
5BR8	5	49	Pent.	1	78	54	5200
			Tri.	2	71	58	8500
5BS8	5	50	Tri.	1	68	54	7200
			Tri.	2	68	54	7200
5BZ7	5	50	Tri.	1	73	52	6800
			Tri.	2	73	52	6800
5CG8	5	49	Pent.	1	82	53	4600
			Tri.	2	76	54	5800
5CL8	5	49	Tet.	1	72	48	5800
			Tri.	2	63	55	8000
5CM6	5	26			65	23	4100
5CQ8	5	36	Tet.	1	73	48	5800
			Tri.	2	63	37	8000
5CZ5	5	26			60	21	4800
5DH8	5	49	Pent.	1	65	55	8600
			Tri.	2	84	54	4400
5EA8	5	36	Pent.	1	72	54	6400
			Tri.	2	57	45	8500
5EH8	5	38	Pent.	1	71	52	6000
			Tri.	2	67	52	7500
5FV8	5	49	Pent.	1	66	51	6500
			Tri.	2	67	55	8000
5GH8	5	36	Pent.	1	68	54	7500
			Tri.	2	56	44	8500
5J6	5	10	Tri.	1	62	28	5300
			Tri.	2	62	28	5300
5R4	5	59	Rect.	1	29		
			Rect.	2	29		
5T4	5	59	Rect.	1	19		
			Rect.	2	19		
5T8	5	22	Tri.	1	88	47	1200
			Di.	2	67		
			Di.	3	72		
5U4	5	59	Rect.	1	21		
			Rect.	2	21		
5U8	5	36	Pent.	1	76	56	5200
			Tri.	2	56	40	8500
5V3	5	59	Rect.	1	19		
			Rect.	2	19		
5V4	5	59	Rect.	1	16		
			Rect.	2	16		
5V6	5	63			79	46	4100

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G_m
					Good-Bad	True G_m	
5W4	5	59			13		
5X8	5	38	Pent.	1	76	47	4600
			Tri.	2	75	55	5800
5Y3	5	59	Rect.	1	38		
			Rect.	2	38		
5Z4	5	59	Rect.	1	16		
			Rect.	2	16		
6AB4	6	5			72	54	5500
6AB7	6	57			75	47	5000
6AC7	6	57			61	55	9000
6AF3	6	45			13		
6AF4	6	7			88	61	6600
6AG5	6	9			80	65	5000
6AG7	6	57			46	38	11000
6AH4	6	43			92	59	4500
6AH6	6	9			60	55	9000
6AJ4	6	25			54	40	10000
6AK5	6	9			68	34	5100
6AK6	6	9			83	61	2300
6AK8	6	22	Tri.	1	92	47	1200
			Di.	2	67		
			Di.	3	72		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G_m
					Good-Bad	True G_m	
6AL5	6	11					
			Di.	2	68		
			Di.	3	63		
6AM4	6	25			77	60	9800
6AM8	6	39	Pent.	1	69	55	7000
			Di.	2	65		
6AN4	6	7			80	70	10000
6AN5	6	9			35	18	8000
6AN8	6	40	Pent.	1	65	42	6200
			Tri.	2	63	16	3300
6AQ5	6	8			85	85	4100
6AQ6	6	19			87	51	1200
6AQ7	6	42	Tri.	1	96	64	1600
			Di.	2	87		
			Di.	3	87		
6AQ8	6	50	Tri.	1	82	56	5900
			Tri.	2	82	56	5900
6AR5	6	8			93	34	2300
6AS5	6	12			57	24	5600
6AS6	6	9			82	33	3200
6AS8	6	24	Pent.	1	68	41	6200
			Di.	2	66		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G_m
					Good-Bad	True G_m	
6AT6	6	19	Tri.	1	92	57	1300
			Di.	2	93		
			Di.	3	93		
6AT8	6	49	Pent.	1	80	50	4600
			Tri.	2	77	55	5800
6AU4	6	44			13		
6AU5	6	62			81	50	5600
6AU6	6	9			83	56	5200
6AU7	6	50	Tri.	1	90	65	2200
			Tri.	2	90	65	2200
6AU8	6	38	Pent.	1	57	37	7000
			Tri.	2	80	54	4900
6AV5	6	62			74	47	5500
6AV6	6	19	Tri.	1	92	60	1600
			Di.	2	91		
			Di.	3	91		
6AW8	6	38	Pent.	1	56	40	9000
			Tri.	2	90	57	4000
6AX4	6	44			15		
6AX5	6	59	Rect.	1	27		
			Rect.	2	27		
6AX7	6	50	Tri.	1		91	1600

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY		Stand. G_m
					Good-Bad	True G_m	
6AX7			Tri.	2		91	1600
6AX8	6	36	Pent.	1	73	38	4800
			Tri.	2	57	40	8500
6AZ8	6	48	Pent.	1	66	47	6000
			Tri.	2	60	15	3300
6BA6	6	9			79	46	4400
6BA8	6	38	Pent.	1	55	34	9000
			Tri.	2	82	26	2700
6BC5	6	9			73	54	5700
6BC8	6	50	Tri.	1	71	53	6200
			Tri.	2	71	53	6200
6BD5	6	62				89	5000
6BD6	6	9			86	62	2000
6BE6	6	9			94		
6BE8	6	49	Pent.	1	77	54	5200
			Tri.	2	70	57	8500
					54	27	7500
6BF5	6	8			87	60	1900
6BF6	6	19			71	54	5000
6BG6	6	60			91	57	4600
6BH6	6	9			62	41	7000
6BH8	6	38	Pent.	1	76	27	3300
			Tri.	2			

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
6BJ8	6	9			83	38	3600
6BK5	6	23			57	43	8500
6BK6	6	19	Tri.	1	90	50	1600
			Di.	2	85		
			Di.	3	85		
6BK7	6	50	Tri.	1	71	59	8500
			Tri.	2	71	59	8500
6BL4	6	44			10		
6BL7	6	64	Tri.	1	58	30	7000
			Tri.	2	58	30	7000
6BL8	6	36	Pent.	1	65	45	6200
			Tri.	2	56	20	5000
6BN4	6	6			54	20	6800
6BN6	6	18			95		
6BQ6	6	61			77	56	5500
6BQ7	6	50	Tri.	1	70	54	6000
			Tri.	2	70	54	6000
6BR8	6	49	Pent.	1	78	54	5200
			Tri.	2	71	59	8500
6BS8	6	50	Tri.	1	68	54	7200
			Tri.	2	68	54	7200

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
6BT6	6	19	Tri.	1	92	57	1300
			Di.	2	93		
			Di.	3	93		
6BU6	6	19	Tri.	1	92	60	1900
			Di.	2	91		
			Di.	3	91		
6BU8	6	46	Pent.	1	90		
			Pent.	2	90		
6BX7	6	64	Tri.	1	55	30	7600
			Tri.	2	55	30	7600
6BY6	6	9			92	66	1900
6BZ6	6	9			68	40	6100
6BZ7	6	50	Tri.	1	73	52	6800
			Tri.	2	73	52	6800
6BZ8	6	50	Tri.	1	76	57	8000
			Tri.	2	76	57	8000
6C4	6	5			75	57	2200
6C5	6	63				90	2000
6CA5	6	12			63	56	9200
6CA7	6	63			56	54	11000
6CB5	6	60			46	26	8800
6CB6	6	9			65	38	6200

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TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
6CD6	6	60			53	24	7700
6CE5	6	9			64	48	6200
6CF6	6	9			67	45	6200
6CG7	6	50	Tri.	1	89	33	2600
			Tri.	2	89	33	2600
6CG8	6	49	Pent.	1	82	53	4600
			Tri.	2	73	52	6800
6CK4	6	43			72	55	6500
6CL5	6	60			55	22	6500
6CL6	6	51			41	32	11000
6CL8	6	49	Tet.	1	72	48	5800
			Tri.	2	63	55	8000
6CM6	6	26			65	23	4100
6CM7	6	20	Tri.	1	90	56	4400
			Tri.	2	100	82	2000
6CN7	6	35	Tri.	1	94	56	1200
			Di.	2	68		
			Di.	3	68		
6CQ8	6	36	Tet.	1	73	48	5800
			Tri.	2	63	37	8000
6CS6	6	9			94	56	1100

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
6CS7	6	52	Tri.	1	77	45	4500
			Tri.	2	100	84	2200
6CU5	6	12			54	25	7500
6CU6	6	61			77	56	5500
6CX8	6	38	Pent.	1	47	34	10000
			Tri.	2	82	54	4600
6CY5	6	9			58	37	8000
6CZ5	6	26			60	21	4800
6DA4	6	44			12		
6DB5	6	26			40	22	8000
6DB6	6	9			89		
6DC6	6	9			67	40	5500
6DE4	6	44			12		
6DE6	6	9			66	41	6200
6DE7	6	33	Tri.	1	88	63	6500
			Tri.	2	95	71	2000
6DG6	6	63			55	34	8000
6DJ8	6	50	Tri.	1	57	57	12500
			Tri.	2	57	57	12500
6DK6	6	9			62	55	9800
6DN6	6	60			55	42	9000

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
6DN7	6	64	Tri.	1	53	29	7700
			Tri.	2	77	60	2500
6DQ5	6	60			55	50	10500
6DQ6	6	61			74	57	6000
6DS5	6	8			81	55	5800
6DT5	6	26			45	17	6200
6DT6	6	9			96		
6DT8	6	50	Tri.	1	83	57	5500
			Tri.	2	83	57	5500
6DW5	6	26			25	10	5500
6EA5	6	9			77	59	8000
6EA8	6	36	Pent.	1	72	54	6400
			Tri.	2	57	45	8500
6EB5	6	11					
			Di.	2	68		
			Di.	3	68		
6EB8	6	38	Pent.	1	37	38	12500
			Tri.	2	100	91	2700
6EH5	6	12			58	62	14600
6EH8	6	38	Pent.	1	71	52	6000
			Tri.	2	67	52	7500
6EM5	6	26			53	17	5100
6ES8	6	50	Tri.	1	58	58	12500
			Tri.	2	58	58	12500
6EV5	6	9			52	32	8800
6EV7	6	50	Tri.	1	86	57	5200
			Tri.	2	86	57	5200
6EW6	6	9			68	72	14000
6EY6	6	63			72	74	4400
6EZ5	6	63	Pent.	1	72	34	4100
6F6	6	63			93	79	2500
6FV6	6	9			53	34	8000
6FV8	6	49	Pent.	1	66	51	6500
			Tri.	2	67	55	8000
6G6	6	63			97	77	2300
6GC6	6	60	Pent.	1	55	25	6600
6GH8	6	36	Pent.	1	68	54	7500
			Tri.	2	56	44	8500
6GM6	6	9	Pent.	1	63	64	13000
6GN8	6	38	Pent.	1	35	29	11500
			Tri.	2		94	2700
6J5	6	63			100	87	2600
6J6	6	10	Tri.	1	67	28	5300
			Tri.	2	67	28	5300

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TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
6K6	6	63			93	73	2300
6L6	6	63			67	46	6000
6P5	6	63			97	61	1450
6R8	6	22	Tri.	1	86	60	1900
			Di.	2	68		
			Di.	3	72		
6S4	6	26			62	21	4500
6SA7	6	56			97		
6SB7Y	6	56			93		
6SD7	6	57			75	30	4250
6SG7	6	57			79	39	4000
6SH7	6	57			80	52	4900
6SJ7	6	57			85	56	1650
6SK7	6	57			85	61	2000
6SL7	6	64	Tri.	1		87	1600
			Tri.	2		87	1600
6SN7	6	64	Tri.	1	80	63	2600
			Tri.	2	80	63	2600
6SQ7	6	58	Tri.	1	98	62	1175
			Di.	2	94		
			Di.	3	94		
6SR7	6	58	Tri.	1	87	60	1900
			Di.	2	93		
			Di.	3	93		
6SS7	6	57			90	63	1850
6ST7	6	58	Tri.	1	92	66	1900
			Di.	2	90		
			Di.	3	90		
6SU7	6	64	Tri.	1		85	1600
			Tri.	2		85	1600
6SZ7	6	58	Tri.	1	94	57	1200
			Di.	2	98		
			Di.	3	98		
6T4	6	7			80	60	7000
6T8	6	22	Tri.	1	92	47	1200
			Di.	2	67		
			Di.	3	72		
6U4	6	44			14		
6U6	6	63			55	20	6200
6U8	6	36	Pent.	1	76	56	5200
			Tri.	2	56	40	8500
6V3	6	45			13		
6V6	6	63			84	46	4100

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
6W4	6	44			13		
6W6	6	63			54	29	8000
6X4	6	17	Rect.	1	22		
			Rect.	2	22		
6X5	6	59	Rect.	1	20		
			Rect.	2	20		
6X8	6	38	Pent.	1	76	47	4600
			Tri.	2	75	55	5800
6Y6	6	63			50	20	7100
6ZY5	6	59	Rect.	1	21		
			Rect.	2	21		
7A4	6	68			76	59	2600
7A5	6	68			52	17	5800
7A7	6	68			90	65	2000
7AF7	6	69	Tri.	1	78	57	2100
			Tri.	2	78	57	2100
7AG7	6	68			97	67	4200
7AH7	6	68			97	91	3300
7AK7	6	68			58	30	6000
7AU7	7	50	Tri.	1	90	65	2200
			Tri.	2	90	65	2200
7B5	6	68			87	69	2100
7B7	6	68			90	65	1750
7C5	6	68			65	22	4100
7C7	6	68			89	58	1300
7DJ8	7	50	Tri.	1	57	57	12500
			Tri.	2	57	57	12500
7EY6	7	63			72	74	4400
7F7	6	69	Tri.	1		84	1600
			Tri.	2		84	1600
7H7	6	68			80	44	4000
7N7	6	69	Tri.	1	77	61	2600
			Tri.	2	77	61	2600
7V7	6	68			73	49	5800
8AU8	8	38	Pent.	1	60	46	7000
			Tri.	2	88	56	4900
8AW8	8	38	Pent.	1	56	40	9000
			Tri.	2	90	57	4000
8BA8	8	38	Pent.	1	55	34	9000
			Tri.	2	82	26	2700
8BH8	8	38	Pent.	1	62	41	7000
			Tri.	2	76	27	3300
8CG7	8	50	Tri.	1	89	33	2600
			Tri.	2	89	33	2600

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
8CM7	8	20	Tri.	1	85	56	4400
			Tri.	2	100	82	2000
8CN7	8	35	Tri.	1	97	56	1200
			Di.	2	68		
			Di.	3	68		
8CS7	8	52	Tri.	1	77	45	4500
			Tri.	2	100	84	2200
8CX8	8	38	Pent.	1	47	34	10000
			Tri.	2	82	54	4600
8DE7	8	33	Tri.	1	88	63	6500
			Tri.	2	95	71	2000
8EB8	8	38	Pent.	1	37	38	12500
			Tri.	2	100	91	2700
8EM5	8	26			53	17	5100
8GN8	8	38	Pent.	1	35	29	11500
			Tri.	2		94	2700
8SN7	8	64	Tri.	1	80	63	2200
			Tri.	2	80	63	2200
9AU7	9	50	Tri.	1	90	65	2200
			Tri.	2	90	65	2200
9BR7	9	34	Tri.	1	67	35	5500
			Di.	2	67		
			Di.	3	67		
9BR8	9	49	Pent.	1	78	54	5200
			Tri.	2	71	59	8500
9CL8	9	49	Tet.	1	72	48	5800
			Tri.	2	63	55	8000
9U8	9	36	Pent.	1	76	56	5200
			Tri.	2	56	40	8500
9X8	9	38	Pent.	1	76	47	4600
			Tri.	2	75	55	5800
10C8	10	40	Pent.	1	60	48	8000
			Tri.	2	73	32	4400
10DE7	10	33	Tri.	1	88	38	6500
			Tri.	2	95	71	2000
10EB8	10	38	Pent.	1	37	38	12500
			Tri.	2	100	91	2700
12A6	12	63			94	85	3000
12AB5	12	26			68	26	4100
12AD7	12	50	Tri.	1		91	1600
			Tri.	2		91	1600
12AF3	12	45			13		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
12AL5	12	11					
			Di.	2	68		
			Di.	3	68		
12AQ5	12	8			82	85	4100
12AS5	12	12			57	24	5600
12AT6	12	19	Tri.	1	92	57	1200
			Di.	2	93		
			Di.	3	93		
12AT7	12	50	Tri.	1	86	60	5500
			Tri.	2	86	60	5500
12AU5	12	62			81	56	5600
12AU6	12	9			83	56	5200
12AU7	12	50	Tri.	1	90	65	2200
			Tri.	2	90	65	2200
12AV5	12	62			70	47	5500
12AV6	12	19	Tri.	1	92	60	1600
			Di.	2	91		
			Di.	3	91		
12AV7	12	50	Tri.	1	73	59	8500
			Tri.	2	73	59	8500
12AW6	12	9			80	54	5000
12AW8	12	38	Pent.	1	56	40	9000
			Tri.	2	90	57	4000
12AX4	12	44			15		
12AX7	12	50	Tri.	1		91	1600
			Tri.	2		91	1600
12AY7	12	50	Tri.	1	97	67	1750
			Tri.	2	97	67	1750
12AZ7	12	50	Tri.	1	84	56	5500
			Tri.	2	84	56	5500
12B4	12	21			78	56	6300
12BA6	12	9			79	46	4400
12BD6	12	9			86	62	2000
12BE6	12	9			94		
12BF6	12	19			87	60	1900
12BH7	12	50	Tri.	1	77	60	3100
			Tri.	2	77	60	3100
12BK5	12	23			57	43	8500
12BK6	12	19	Tri.	1	90	50	1600
			Di.	2	85		
			Di.	3	85		
12BN6	12	18			95		
12BQ6	12	61			77	56	5500

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
12BR7	12	34	Tri.	1	67	35	5500
			Di.	2	67		
			Di.	3	67		
12BT6	12	19	Tri.	1	92	57	1300
			Di.	2	93		
			Di.	3	93		
12BV7	12	37			46	47	13000
12BX7	12	64	Tri.	1	55	30	7600
			Tri.	2	55	30	7600
12BY7	12	37			47	49	12000
12BZ7	12	50	Tri.	1	97	57	3200
			Tri.	2	97	57	3200
12C5	12	12				64	2000
12CA5	12	12			63	56	9200
12CM6	12	26			65	23	4100
12CS6	12	9			94	56	1100
12CT8	12	40	Pent.	1	60	38	7000
			Tri.	2	70	25	4900
12CU5	12	12			54	25	7500
12CU6	12	61			77	56	5500
12D4	12	44			13		
12DB5	12	26			40	22	8000
12DF7	12	50	Tri.	1		91	1600
			Tri.	2		91	1600
12DN6	12	60			55	42	9000
12DQ6	12	61			74	56	6000
12DQ7	12	37			37	28	10500
12DT5	12	26			45	17	6200
12DT7	12	50	Tri.	1		91	1600
			Tri.	2		91	1600
12DT8	12	50	Tri.	1	83	57	5500
			Tri.	2	83	57	5500
12DW5	12	26			25	10	5500
12DW7	12	50	Tri.	1	90	65	2200
			Tri.	2		85	1600
12ED5	12	12			61	53	8500
12EH5	12	12			58	62	14600
12EN6	12	63			51		
12G4	12	5			75	19	2600
12GC6	12	60	Pent.	1	55	25	6600
12H4	12	5			75	19	2600
12J5	12	63			100	87	2600
12L6	12	63			55	31	8000
12R5	12	12			53	25	7000

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
12SA7	12	56			97		
12SG7	12	57			79	39	4000
12SH7	12	57			80	52	4900
12SJ7	12	57			85	56	1650
12SK7	12	57			85	61	2000
12SL7	12	64	Tri.	1		87	1600
			Tri.	2		87	1600
12SN7	12	64	Tri.	1	80	62	2600
			Tri.	2	80	63	2600
12SQ7	12	58	Tri.	1	98	62	1175
			Di.	2	94		
			Di.	3	94		
12SR7	12	58	Tri.	1	87	60	1900
			Di.	2	93		
			Di.	3	93		
12SW7	12	58	Tri.	1	86	60	1900
			Di.	2	93		
			Di.	3	93		
12SX7	12	64	Tri.	1	79	62	2600
			Tri.	2	79	62	2600
12SY7	12	56			95		
12V6	12	63			79	46	4100
12W6	12	63			54	29	8000
12X4	12	17	Rect.	1	22		
			Rect.	2	22		
13DE7	13	33	Tri.	1	88	63	6500
			Tri.	2	95	71	2000
14A4	12	68			76	59	2600
14A7	12	68			90	65	2000
14C5	12	68			65	22	3750
14C7	12	68			91	60	1575
14H7	12	68			80	44	4000
16CL8	16	49	Pent.	1	72	48	5800
			Tri.	2	63	55	8000
17AV5	17	62			70	47	5500
17AX4	17	44			15		
17BQ6	17	61			77	56	5500
17C5	17	12			55	26	7500
17CA5	17	12			62	56	9200
17CU5	17	12			54	25	7500
17D4	17	44			13		
17DE4	17	44			12		
17DQ6	17	61			74	57	6000
17H3	17	45			16		

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TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
17L6	17	63			55	31	8000
17R5	17	12			53	25	7000
18A5	18	62			80	55	4800
18FW6	18	9			79	42	4100
18FX6	18	9			93		
18FY6	18	19	Tri.	1	84	51	1300
			Di.	2	92		
			Di.	3	92		
19AQ5	19	8			82	85	3700
19AU4	19	44			13		
19BG6	19	60			71	54	6000
19C8	19	22	Tri.	1	93	55	1250
			Di.	2	58		
			Di.	3	73		
19CL8	19	49	Tet.	1	73	55	6500
			Tri.	2	69	56	8000
19DE7	19	33	Tri.	1	88	63	6500
			Tri.	2	95	71	2000
19DN6	19	60			55	42	9000
19EA8	19	36	Pent.	1	72	54	6400
			Tri.	2	57	45	8500
19J6	19	10	Tri.	1	62	28	5300
			Tri.	2	62	28	5300
19T8	19	22	Tri.	1	88	47	1200
			Di.	2	67		
			Di.	3	72		
19X8	19	38	Pent.	1	76	47	4600
			Tri.	2	75	55	5800
22DE4	22	44			12		
25A6	25	63			80	60	2375
25AV5	25	62			70	47	5500
25AX4	25	44			15		
25BK5	25	23			57	43	8500
25BQ6	25	61			77	56	5500
25C5	25	12			55	26	7500
25C6	25	63			58	26	7100
25CA5	25	12			62	56	9200
25CD6	25	60			53	24	7700
25CU6	25	61			67	40	5500
25D4	25	44			13		
25DN6	25	60			55	42	9000
25DQ6	25	61			74	57	6000
25DT5	25	26			45	17	6200

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
25EC6	25	60			55	25	7500
25EH5	25	12			58	62	14600
25F5	25	12			55	25	5800
25L6	25	63			55	31	8000
25U4	25	44			14		
25W4	25	44			13		
25W6	25	63			54	29	8000
32ET5	30	12			60	30	5500
35A5	35	68			41	16	6000
35B5	35	8			59	26	5800
35C5	35	12			58	28	5800
35CD6	35	60			53	24	7700
35EH5	35	12	Pent.	1	58	62	14600
35L6	35	63			59	25	5800
35W4	35	16			12		
35Z5	35	66			13		
36AM3	35	16			12		
50A5	50	68			27	16	8000
50B5	50	8			55	26	7500
50C5	50	12			55	29	7500
50C8	50	63			56	26	7100
50CA5	50	12			62	56	9200
50CD6	50	60			53	24	7700
50DC4	50	16			11		
50EH5	50	12			58	62	14600
50L6	50	63			55	31	8000
1273	6	68		1	91	60	1575
1280	12	68		1	91	60	1575
1614	6	63			72	55	6050
1621	6	63			93	73	2500
1622	6	63			67	46	6000
5591	6	1			68	34	5100
5654	6	1			68	34	5100
5691	6	64	Tri.	1		87	1600
			Tri.	2		87	1600
5692	6	64	Tri.	1	80	63	2200
			Tri.	2	80	63	2200
5693	6	57			85	56	1650
5725	6	9			82	33	3200
5726	6	11					
			Di.	2	68		
			Di.	3	68		
5749	6	9			79	46	4400
5750	6	9			94		

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TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
5751	12	50	Tri.	1		91	1600
			Tri.	2		91	1600
5814	12	50	Tri.	1	90	65	2200
			Tri.	2	90	65	2200
5844	6	10	Tri.	1	67	32	3400
			Tri.	2	67	32	3400
5871	6	63			84	46	3750
5881	6	63			67	46	6100
5915	6	9			92		
5920	6	10	Tri.	1	54	16	5500
			Tri.	2	54	16	5500
5931	6	59	Rect.	1	21		
			Rect.	2	21		
5932	6	63			67	46	6000
5961	6	56			97		
5963	12	50	Tri.	1	88	75	2800
			Tri.	2	88	75	2800
5964	6	10	Tri.	1	67	45	6000
			Tri.	2	67	45	6000
5965	12	50	Tri.	1	68	46	6700
			Tri.	2	68	46	6700
5992	6	63			84	46	4000
6005	6	8			85	85	3700
6006	6	57			79	39	4000
6046	25	63			55	31	8000
6058	6	11					
			Di.	2	68		
			Di.	3	68		
6060	12	50	Tri.	1	86	60	5500
			Tri.	2	86	60	5500
6066	6	19	Tri.	1	92	57	1300
			Di.	2	93		
			Di.	3	93		
6067	12	50	Tri.	1	90	65	2200
			Tri.	2	90	65	2200
6072	12	50	Tri.	1	97	67	1750
			Tri.	2	97	67	1750
6085	12	50	Tri.	1	87	69	2700
			Tri.	2	87	69	2700
6087	5	59	Rect.	1	38		
			Rect.	2	38		
6101	6	10	Tri.	1	67	28	6000
			Tri.	2	67	28	6000

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
6113	6	64	Tri.	1		87	1600
			Tri.	2		87	1600
6134	6	57			61	55	9000
6135	6	5			75	57	2200
6136	6	9			83	56	5200
6137	6	57			85	61	2000
6180	6	64	Tri.	1	80	63	2500
			Tri.	2	80	63	2500
6186	6	9			80	55	5000
6189	12	50	Tri.	1	69	53	2200
			Tri.	2	69	53	2200
6197	6	51			41	32	11000
6201	12	50	Tri.	1	86	60	5500
			Tri.	2	86	60	5500
6211	12	50	Tri.	1	73	26	3600
			Tri.	2	73	26	3600
6265	6	9			91	57	4600
6485	6	9			60	55	9000
6550	6	63			56	54	11000
6660	6	9			79	46	4400
6661	6	9			91	57	4600
6662	6	9			83	38	3600

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
6663	6	11					
			Di.	2	68		
			Di.	3	68		
6669	6	8			85	85	3700
6677	6	51			41	32	11000
6678	6	36	Pent.	1	76	56	5200
			Tri.	2	56	40	8500
6679	12	50	Tri.	1	86	60	5500
			Tri.	2	86	60	5500
6680	12	50	Tri.	1	90	65	2200
			Tri.	2	90	65	2200
6681	12	50	Tri.	1		91	1600
			Tri.	2		91	1600
6829	12	50	Tri.	1	68	46	6700
			Tri.	2	68	46	6700
6887	6	11					
			Di.	2	68		
			Di.	3	68		
6973	6	26			63	25	4800
7025	12	50	Tri.	1		91	1600
			Tri.	2		91	1600

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
7054	12	37			47	49	12000
7055	12	11					
			Di.	2	68		
			Di.	3	68		
7056	12	9			65	38	6200
7057	12	50	Tri.	1	73	52	6800
			Tri.	2	73	52	6800
7058	12	50	Tri.	1		91	1600
			Tri.	2		91	1600
7059	12	36	Pent.	1	76	56	5200
			Tri.	2	56	40	8500
7060	12	38	Pent.	1	57	37	7000
			Tri.	2	80	54	4900
7061	12	26			68	26	4100
7167	12	9			58	37	8000
7247	12	50	Tri.	1	90	69	2200
			Tri.	2		94	1600
7258	12	40	Pent.	1	65	42	6200
			Tri.	2	63	16	3300
7543	6	9			85	54	4500
7581	6	63			67	46	6000
9001	6	9			92	57	1400

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
9003	6	9				84	1800
B36	12	64	Tri.	1	80	63	2600
			Tri.	2	80	63	2600
B65	6	64	Tri.	1	80	63	2600
			Tri.	2	80	63	2600
B152	12	50	Tri.	1	86	60	5500
			Tri.	2	86	60	5500
B309	12	50	Tri.	1	86	60	5500
			Tri.	2	86	60	5500
B329	12	50	Tri.	1	90	65	2200
			Tri.	2	90	65	2200
B339	12	50	Tri.	1		91	1600
			Tri.	2		91	1600
BPMO4	6	8			85	85	3700
D77	6	11					
			Di.	2	68		
			Di.	3	68		
D152	6	11					
			Di.	2	68		
			Di.	3	68		
DAF91	1	4			70		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
DAF92	1	4			80		
DD6	6	11					
			Di.	2	68		
			Di.	3	68		
DF33	1	67			84		
DF91	1	4			75		
DF92	1	4			75		
DF96	1	4			75		
DF904	1	4			76		
DH77	6	19	Tri.	1	92	57	1300
			Di.	2	93		
			Di.	3	93		
DK91	1	4			75		
DL33	3	67			75		
DL36	1	67			74		
DL92	3	4			72		
DL93	3	4			66		
DL94	3	4			74		
DL95	3	67			74		
DP61	6	9			68	34	6100
DY30	1	65			64		
DY86	1	53			50		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
EAA91	6	11					
			Di.	2	68		
			Di.	3	68		
EABC80	6	22	Tri.	1	92	47	1200
			Di.	2	67		
			Di.	3	72		
EBC90	6	19	Tri.	1	92	57	1300
			Di.	2	93		
			Di.	3	93		
EBC91	6	19	Tri.	1	92	60	1600
			Di.	2	91		
			Di.	3	91		
EC-90	6	5			75	57	2200
EC-92	6	5			72	54	5500
ECC-81	12	50	Tri.	1	86	60	5500
			Tri.	2	86	60	5500
ECC-82	12	50	Tri.	1	90	65	2200
			Tri.	2	90	65	2200
ECC-83	12	50	Tri.	1		91	1600
			Tri.	2		91	1600
ECC85	6	50	Tri.	1	82	56	5900
			Tri.	2	82	56	5900

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TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
ECC88	6	50	Tri.	1	57	57	12500
			Tri.	2	57	57	12500
ECC189	6	50	Tri.	1	58	58	12500
			Tri.	2	58	58	12500
ECF80	6	36	Pent.	1	65	45	6200
			Tri.	2	56	20	5000
ECF82	6	36	Pent.	1	76	56	5200
			Tri.	2	56	40	8500
ED2	6	11					
			Di.	2	68		
			Di.	3	68		
EF93	6	9			79	46	4400
EF94	6	9			83	56	5200
EF95	6	9			68	34	5100
EF96	6	9			80	55	5000
EH90	6	9			94	56	1100
EK-90	6	9			94		
EL-34	6	63			56	54	11000
EL-37	6	63			67	46	6000
EL90	6	8			85	85	3700
EZ90	6	17	Rect.	1	22		
			Rect.	2	22		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
GZ-32	5	59	Rect.	1	16		
			Rect.	2	16		
GZ-34	5	59	Rect.	1	21		
			Rect.	2	21		
HL90	19	8			85	85	3700
HL92	50	12			55	29	7500
HMO4	6	9			94		
HY90	35	16			12		
KT32	25	63			55	31	8000
KT63	6	63			93	79	2500
KT66	6	63			67	46	6000
L77	6	5			75	57	2200
N18	3	4			74		
N77	6	11					
			Di.	2	68		
			Di.	3	68		
PCC88	7	50	Tri.	1	57	57	12500
			Tri.	2	57	57	12500
PCF82	9	36	Pent.	1	76	56	5200
			Tri.	2	56	40	8500
U50	5	59	Rect.	1	38		
			Rect.	2	38		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
U52	5	59	Rect.	1	21		
			Rect.	2	21		

TUBE TYPE	Heater	Socket	Section	Test Pos.	SENSITIVITY Good-Bad	SENSITIVITY True G_m	Stand. G_m
X155	6	50	Tri.	1	76	57	8000
			Tri.	2	76	57	8000

INDEX MOUNTING INSTRUCTIONS

Remove old index and discard. Do not remove mounting board.
Mount new index in same position as old index on mounting board.